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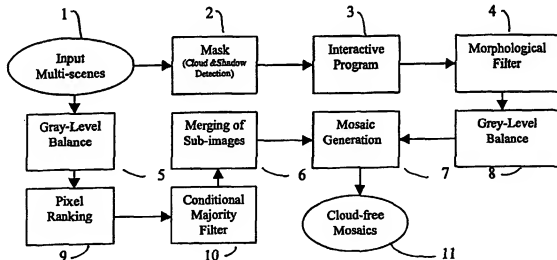
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(54) Title: METHOD FOR PRODUCING CLOUD FREE, AND CLOUD-SHADOW FREE, IMAGES



(57) Abstract: A method for generating a cloud free and cloud-shadow free image from a plurality of images of a region, the method including the steps of ranking pixels in order of cloudiness and shadowiness, generating cloud and shadow masks by classifying a group of pixels as cloud, shadow, or noncloud-nonshadow, and creating a mosaic from the plurality of images to form the cloud free and cloud-shadow free image.